

ABSTRACT OF THE DISCLOSURE

A low voltage interrupt for an electric winch prevents voltage decay of a battery due to excessive operation of the winch. If the battery voltage decays below a threshold, the low voltage interrupt disables the winch, allowing an alternator to recharge the battery. A voltage sense circuit determines the voltage of the battery. The sensed voltage is compared to a predetermined threshold. If the sensed voltage decays below the threshold, the low voltage interrupt generates an interrupt signal. The interrupt signal causes a relay to actuate, thereby interrupting current to the winch.